

567—72.50(455B) Protected streams.

72.50(1) *Protected streams defined.* Protected streams shall include streams designated as protected streams pursuant to the procedures of 72.51(455B), which upon designation will be listed in 72.50(2). Streams hydrologically connected to protected streams are not protected streams unless specifically listed as protected streams in 72.50(2).

72.50(2) *List of protected streams.* Streams designated as protected streams are the following:

ADAIR COUNTY

Middle River, east county line to confluence with unnamed creek (NE 1/4, S36, T76N, R30W, Adair Co.);

ALLAMAKEE COUNTY

Bear Creek, mouth (S1, T99N, R6W, Allamakee Co.) to west county line;
 Clear Creek, mouth (S35, T100N, R5W, Allamakee Co.) to north line of S15, T100N, R5W;
 Clear Creek, mouth (S29, T99N, R3W, Allamakee Co.) to west line of S25, T99N, R4W;
 Cota Creek, mouth to west line of S10, T97N, R3W;
 Dousman Creek, mouth (S33, T96N, R3W, Allamakee Co.) to south county line;
 French Creek, mouth to east line of S23, T99N, R5W;
 Hickory Creek, mouth to south line of S28, T96N, R5W;
 Irish Hollow Creek, mouth to north line of S17, T100N, R4W;
 Little Paint Creek, mouth to north line of S30, T97N, R3W;
 Norfolk Creek, mouth to confluence with Teeple Creek (S24, T97N, R6W);
 Paint Creek (a.k.a. Pine Creek), mouth (S9, T99N, R6W, Allamakee Co.) to west county line;
 Paint Creek, mouth (S15, T96N, R3W, Allamakee Co.) to road crossing S18, T97N, R4W;
 Patterson Creek, mouth to east line of S3, T98N, R6W;
 Silver Creek, mouth (S4, T99N, R5W, Allamakee Co.) to south line of S31, T99N, R5W;
 Suttle Creek, mouth (S17, T96N, R4W, Allamakee Co.) to south county line;
 Teeple Creek, mouth (S24, T97N, R6W, Allamakee Co.) to spring source in S11, T97N, R6W;
 Trout Run, mouth in S16, T98N, R4W through one mile reach;
 Unnamed tributary to Village Creek (a.k.a. Erickson Spring Branch), mouth to west line of S23, T98N, R4W;
 Unnamed tributary to the Yellow River (a.k.a. Bear Creek), mouth to north line of S12, T96N, R5W;
 Upper Iowa River, from Lane's Bridge at river mile 6 to west county line;
 Village Creek, mouth to west line of S19, T98N, R4W;
 Waterloo Creek, mouth (S35, T100N, R6W) to north county line;
 Wexford Creek, mouth to west line of S25, T98N, R3W;
 Yellow River, mouth to west county line;

APPANOOSE COUNTY

Chariton River, Highway 2 (S27, T69N, R17W, Appanoose Co.) to Rathbun Lake Dam (S35, T70N, R18W, Appanoose Co.);

BENTON COUNTY

Bear Creek, east county line to confluence with Opossum Creek (S 5/8, T84N, R9W, Benton Co.);
 Bear Creek, mouth (S21, T86N, R10W, Benton Co.) to confluence with unnamed creek (NE 1/4, NE 1/4, S2, T86N, R10W, Benton Co.);
 Cedar River, east county line to north county line;
 Iowa River, south county line to west county line;
 Lime Creek, mouth (S4, T86N, R10W, Benton Co.) to north county line;
 Prairie Creek, mouth (S10, T85N, R10W, Benton Co.) to confluence with unnamed creek (S36, T86N, R10W, Benton Co.);
 Salt Creek, mouth (S31, T82N, R12W, Benton Co.) to west county line;
 Wild Cat Creek, mouth (S8, T84N, R9W, Benton Co.) to confluence with unnamed creek (W1/2, S33, T84N, R10W, Benton Co.);
 Wolf Creek, north county line to west county line;

BLACK HAWK COUNTY

Black Hawk Creek, mouth (S22, T89N, R13W, Black Hawk Co.) to west county line;
Cedar River, east county line to north county line;
Crane Creek, mouth (S26, T90N, R11W, Black Hawk Co.) to confluence with unnamed creek (S3, T90N, R12W, Black Hawk Co.);
Shell Rock River, mouth (S4, T90N, R14W, Black Hawk Co.) to north county line;
Wapsipinicon River, east county line to north county line;
West Fork Cedar River, mouth (S10, T90N, R14W, Black Hawk Co.) to west county line;
Wolf Creek, mouth (S19, T87N, R11W, Black Hawk Co.) to south county line;

BOONE COUNTY

Big Creek, south county line to confluence with unnamed creek (NW 1/4, S34, T82N, R25W, Boone Co.);
Bluff Creek, mouth (S22, T84N, R27W, Boone Co.) to Don Williams Lake Outlet (S5, T84N, R27W, Boone Co.);
Des Moines River, south county line to north county line;

BREMER COUNTY

Cedar River, south county line to north county line;
Shell Rock River, south county line to west county line;
Wapsipinicon River, south county line to north county line;

BUCHANAN COUNTY

Cedar River, south county line to west county line;
Lime Creek, south county line to confluence with unnamed creek (S1, T87N, R10W, Buchanan Co.);
South Fork Maquoketa River, east county line to confluence with major unnamed creek (S4, T90N, R7W, Buchanan Co.);
Wapsipinicon River, south county line to west county line;

BUENA VISTA COUNTY

Little Sioux River, north county line to north county line (entire length in county);
North Raccoon River, south county line to the north line of the NW 1/4, SE 1/4, S12, T90N, R36W, Buena Vista Co.;

BUTLER COUNTY

Shell Rock River, east county line to north county line;
West Fork Cedar River, east county line to west county line;

CALHOUN COUNTY

Camp Creek, mouth (S7, T86N, R34W, Calhoun Co.) to confluence with unnamed creek (NE1/4, NE 1/4, S33, T87N, R34W, Calhoun Co.);
Cedar Creek, south county line to confluence with unnamed creek (S 1/2, S34, T86N, R32W, Calhoun Co.);
Lake Creek, mouth (S23, T86N, R34W, Calhoun Co.) to confluence with D.D. 13 (S33, T88N, R32W, Calhoun Co.);
North Raccoon River, south county line to west county line;

CARROLL COUNTY

Middle Raccoon River, south county line to confluence with unnamed creek (SE 1/4, S15, T84N, R35W, Carroll Co.);
North Raccoon River, east county line to north county line;

CEDAR COUNTY

Cedar River, south county line to west county line;
Rock Creek, mouth (S2, T79N, R3W, Cedar Co.) to confluence with West Rock Creek (S11, T81N, R3W, Cedar Co.);
Sugar Creek, south county line to confluence with unnamed creek (S35, T80N, R2W, Cedar Co.);
Wapsipinicon River, east county line to north county line;

CERRO GORDO COUNTY

Beaverdam Creek, south county line to confluence with unnamed creek (S12, T95N, R22W, Cerro Gordo Co.);

Shell Rock River, east county line to north county line;
Spring Creek, mouth (S28, T97N, R20W, Cerro Gordo Co.) to confluence with Blair Creek (S9, T97N, R20W, Cerro Gordo Co.);

Willow Creek, mouth (S3, T96N, R20W, Cerro Gordo Co.) to confluence with Clear Creek (S16, T96N, R21W, Cerro Gordo Co.);

Winnebago River, east county line to west county line (entire length in county);

CHEROKEE COUNTY

Little Sioux River, south county line to north county line;

Maple River, south county line to confluence with unnamed creek (N 1/2, S29, T91N, R39W, Cherokee Co.);

Mill Creek, confluence with Willow Creek (S1, T93N, R41W, Cherokee Co.) to north county line;

CHICKASAW COUNTY

Cedar River, south county line to west county line;

Crane Creek, east county line to confluence with unnamed creek (NE 1/4, S25, T95N, R11W, Chickasaw Co.);

Little Cedar River, mouth (S20, T94N, R14W, Chickasaw Co.) to west county line;

Wapsipinicon River, south county line to north county line;

CLAY COUNTY

Little Sioux River, west county line to north county line (entire length in county);

Lost Island Outlet, mouth (S35, T96N, R36W, Clay Co.) to County Road M 54 (S24, T96N, R36W, Clay Co.);

Muddy Creek, mouth (S15, T96N, R36W, Clay Co.) to County Road B 17 (north line, S23, T97N, R36W, Clay Co.);

Ocheyedan River, mouth (S13, T96N, R37W, Clay Co.) to confluence with Stoney Creek (S7, T96N, R37W, Clay Co.);

Prairie Creek, mouth (S26, T96N, R36W, Clay Co.) to confluence with unnamed creek (SE 1/4, S35, T96N, R37W, Clay Co.);

Stoney Creek, mouth (S7, T96N, R37W, Clay Co.) to Highway 18 (S31, T96N, R37W, Clay Co.);

CLAYTON COUNTY

Bear Creek, mouth (S34, T92N, R4W, Clayton Co.) to west line of S23 T91N, R5W, Clayton Co.;

Bloody Run, mouth (S15, T95N, R3W) to source at Spook Cave;

Bloody Run Creek (a.k.a. Grimes Hollow), mouth (S36, T91N, R3W) to south county line;

Brownfield Creek, mouth to spring source (S31, T91N, R3W);

Buck Creek, mouth (S29, T93N, R2W, Clayton Co.) to west line of S9, T93N, R3W;

Cox Creek, mouth (S21, T92N, R5W, Clayton Co.) to south line S12, T91N, R6W, Clayton Co.;

Dry Mill Creek, mouth to west line of S9, T93N, R4W;

Elk Creek, mouth (S36, T92N, R4W, Clayton Co.) to south county line;

Ensign Creek, mouth (S28, T92N, R6W, Clayton Co.) to spring source (S29, T92N, R6W, Clayton Co.);

Hewett Creek, mouth to south line of S29, T92N, R6W;

Kleinlein Creek (a.k.a. Spring Creek), mouth to spring source (S10, T91N, R6W);

Maquoketa River, south county line to west county line;

Miners Creek, mouth to west line of S1, T92N, R3W;

Mink Creek, mouth (S30, T93N, R6W) to west county line;

Mossey Glen Creek, mouth (S3, T91N, R5W) to south line of S10, T91N, R5W, Clayton Co.;

North Cedar Creek, mouth (S8, T94N, R3W) to source;

Pecks Creek, mouth to south line of S15, T91N, R3W;

Pine Creek, mouth (S26, T91N, R4W) to confluence with Brownfield Creek (S25, T91N, R4W);

Point Hollow Creek (a.k.a. White Pine Creek), mouth (S31, T91N, R2W) to south county line;

Roberts Creek, mouth (SE 1/4, S25, T93N, R5W, Clayton Co.) to confluence with an unnamed creek (SE 1/4, S15, T95N, R6W, Clayton Co.);

Sny Magill Creek (a.k.a. Magill Creek), mouth to source;

South Cedar Creek (a.k.a. Cedar Creek), mouth (S33, T92N, R3W, Clayton Co.) to north line of S30, T93N, R3W, Clayton Co.;

Steeles Branch, mouth (S26, T91N, R4W) to south line S32, T91N, R4W, Clayton Co. (entire length in county);

Turkey River, confluence with Volga River to west county line;

Unnamed tributary to Sny Magill Creek (a.k.a. West Fork Sny Magill Creek), mouth (S7, T94N, R3W) to west line of S7, T94N, R3W;

Volga River, mouth (S26, T92N, R4W, Clayton Co.) to west county line;

CLINTON COUNTY

Elk River, mouth (S20, T83N, R7E, Clinton Co.) to confluence with North Branch Elk River (S10, T83N, R6E, Clinton Co.);

Wapsipinicon River, mouth (S13, T80N, R5E, Clinton Co.) to west county line (entire length in county);

CRAWFORD COUNTY

Boyer River, south county line to north county line;

DALLAS COUNTY

Des Moines River, east county line to north county line (entire length in county);

Middle Raccoon River, mouth (S9, T78N, R29W, Dallas Co.) to west county line (entire length in county);

North Raccoon River, mouth (S21, T78N, R27W, Dallas Co.) to north county line (S5, T81N, R29W, Dallas Co.) (entire length in county);

Raccoon River, east county line to confluence with North Raccoon River (S21, T78N, R27W, Dallas Co.);

DAVIS COUNTY

Des Moines River, east county line to north county line (entire length in county);

DECATUR COUNTY

Thompson River, Highway 69 (S35, T68N, R26W, Decatur Co.) to west county line;

DELAWARE COUNTY

Bloody Run Creek (a.k.a. Grimes Hollow), north county line to spring source (S3, T90N, R3W);

Coffins Creek, mouth (S19, T89N, R5W, Delaware Co.) to confluence with Prairie Creek (S29, T89N, R6W, Delaware Co.);

Elk Creek, north county line to confluence with unnamed creek (center, S13, T90N, R4W, Delaware Co.);

Fenchel Creek, mouth (S5, T90N, R6W) to Richmond Springs (center of S4, T90N, R6W);

Fountain Spring Creek (a.k.a. Odell Branch), mouth (SE 1/4, S10, T90N, R4W) to confluence with South Branch Fountain Spring Creek (SE 1/4, S16, T90N, R4W);

Little Turkey River, north county line to south line of S11, T90N, R3W;

Maquoketa River, south county line to north county line;

Sand Creek, mouth (S9, T88N, R5W, Delaware Co.) to confluence with major unnamed creek (SW 1/4, S11, T88N, R6W, Delaware Co.);

Schechtman Branch, mouth to south line of S14, T90N, R4W;

South Branch Fountain Spring Creek, mouth (S16, T90N, R4W) to spring source (S16, T90N, R4W);

South Fork Maquoketa River, mouth (S16, T90N, R6W, Delaware Co.) to west county line;

Spring Branch, mouth (S10, T88N, R5W) to major spring source, north of Highway 20 (S35, T89N, R5W, Delaware Co.)

Steeles Branch, north county line to west line of S5, T90N, R4W, Delaware Co. (entire length in county between S4, T90N, R4W and west line of S5, T90N, R4W);

Twin Springs Creek, mouth (S2, T90N, R4W) to spring source (S12, T90N, R4W);

DES MOINES COUNTY

Cedar Creek, mouth (S1, T69N, R5W, Des Moines Co.) to Geode Lake Dam;

Cedar Creek, west county line to confluence with unnamed creek (S18, T70N, R4W, Des Moines Co.);

Flint Creek, mouth (S28, T70N, R2W, Des Moines Co.) to confluence with unnamed creek (NW 1/4, S21, T71N, R4W, Des Moines Co.);

Skunk River, mouth (S8, T68N, R2W, Des Moines Co.) to east county line (entire length in county);
DICKINSON COUNTY

Little Sioux River, south county line to confluence with West Fork Little Sioux River (S7, T99N, R37W, Dickinson Co.);
DUBUQUE COUNTY

Bloody Run, mouth (S34, T90N, R2E) to west line of S21, T90N, R2E;
Catfish Creek, mouth (S5, T88N, R3E, Dubuque Co.) to source;
Cloie Branch, mouth (S5, T89N, R2E) to west line of S5, T89N, R2E;
Hogans Branch, mouth (S35, T89N, R1W) to west line of S9, T88N, R1W;
Little Maquoketa River, mouth (S26, T90N, R2E, Dubuque Co.) to north line of NE 1/4, S5, T88N, R1W, Dubuque Co.;

Middle Fork Little Maquoketa River, west line of S31, T90N, R1E to north line of S33, T90N, R1W;
Point Hollow Creek (a.k.a. White Pine Creek), north county line to spring source (S8, T90N, R2W);
Tete des Morts Creek (a.k.a. Tete des Morts River), mouth (S34, T88N, R4E, Dubuque Co.) to south county line (S34, T88N, R4E, Dubuque Co.);
EMMET COUNTY

Brown Creek, mouth (S24, T99N, R34W, Emmet Co.) to Highway 9 (S13, T99N, R34W, Emmet Co.);

Des Moines River, south county line to north county line;
East Fork Des Moines River, east county line to Tuttle Lake Outlet (S13, T100N, R32W, Emmet Co.);
FAYETTE COUNTY

Bass Creek, mouth (S3, T95N, R9W) to west line of S3, T95N, R9W;
Bear Creek, mouth (S8, T92N, R7W, Fayette Co.) to west line of S6, T92N, R7W;
Bell Creek, mouth (S10, T94N, R7W) to west line of S8, T94N, R7W;
Brush Creek, mouth (S26, T93N, R7W, Fayette Co.) to east line of S17, T92N, R7W, Fayette Co.;
Crane Creek, mouth (S31, T95N, R9W, Fayette Co.) to west county line;
Grannis Creek, mouth (S30, T93N, R7W), to west line of S36, T93N, R8W, Fayette Co.;
Little Turkey River, mouth (S18, T95N, R8W, Fayette Co.) to north county line;
Maquoketa River, east county line to north line of S24, T91N, R7W;
Mink Creek, east county line to west line of S15, T93N, R7W;
North Branch Volga River, mouth (S33, T93N, R9W, Fayette Co.) to confluence with unnamed creek (S8, T93N, R9W, Fayette Co.);

Otter Creek, mouth to confluence with unnamed tributary (a.k.a. Glovers Creek) in S22, T94N, R8W;

Turkey River, east county line to north county line;
Unnamed tributary to Otter Creek (a.k.a. Glovers Creek), mouth (S22, T94N, R8W) to west line of S15, T94N, R8W;

Volga River, east county line to confluence with an unnamed creek (NW 1/4, NE 1/4, SE 1/4, S24, T93N, R10W, Fayette Co.);
FLOYD COUNTY

Cedar River, east county line to north county line;
Little Cedar River, east county line to north county line;
Rock Creek, mouth (S24, T97N, R17W, Floyd Co.) to north county line (entire length in county);
Shell Rock River, south county line to west county line;
Winnebago River, mouth (S14, T95N, R18W, Floyd Co.) to west county line;

FRANKLIN COUNTY

Beaver Creek, east county line to road crossing (S28, T90N, R19W, Franklin Co.);
Beaverdam Creek, mouth (S19, T93N, R19W, Franklin Co.) to north county line;
Iowa River, south county line to west county line (entire length in county);

Maynes Creek, confluence with unnamed creek (S12, T91N, R19W, Franklin Co.) to confluence with unnamed creek (S30, T91N, R20W, Franklin Co.);

Otter Creek, mouth (S28, T92N, R19W, Franklin Co.) to County Road C 23 (north line of S31, T93N, R20W, Franklin Co.);

West Fork Cedar River, east county line to confluence with Beaverdam & Bailey Creeks (S19, T93N, R19W, Franklin Co.);

GREENE COUNTY

Cedar Creek, mouth (S33, T85N, R32W, Greene Co.) to north county line;

North Raccoon River, south county line to west county line (entire length in county);

GRUNDY COUNTY

Black Hawk Creek, east county line to confluence with Minnehaha Creek (S7, T87N, R16W, Grundy Co.);

Wolf Creek, east county line to confluence with unnamed creek (S32, T86N, R17W, Grundy Co.);

GUTHRIE COUNTY

Middle Raccoon River, Lake Panorama (S15, T80N, R31W, Guthrie Co.) to north county line;

Middle Raccoon River, east county line to Lake Panorama Outlet (S31, T80N, R30W, Guthrie Co.);

HAMILTON COUNTY

Boone River, west county line to north county line;

Des Moines River, west county line to west county line (entire length in county);

Eagle Creek, mouth (S6, T89N, R25W, Hamilton Co.) to north county line;

White Fox Creek, mouth (S33, T89N, R25W, Hamilton Co.) to north county line;

HANCOCK COUNTY

East Fork Iowa River, south county line to confluence with Galls Creek (S12, T95N, R24W, Hancock Co.);

West Fork Iowa River, south county line to County Road B 55 (north line of S31, T95N, R24W, Hancock Co.);

Winnebago River, east county line to north county line (entire length in county);

HARDIN COUNTY

Iowa River, south county line to north county line;

School Creek, mouth (S28, T89N, R20W, Hardin Co.) to confluence with unnamed creek (S16, T89N, R20W, Hardin Co.);

South Fork Iowa River, mouth (S4, T86N, R19W, Hardin Co.) to Highway 359 (S11, T88N, R22W, Hardin Co.);

HENRY COUNTY

Cedar Creek, mouth (S9, T71N, R7W, Henry Co.) to west county line (entire length in county);

Cedar Creek, upper extent of Geode Lake (S25, T70N, R5W, Henry Co.) to east county line;

Crooked Creek, west county line to north county line;

Skunk River, south county line to west county line (NW 1/4, S30, T73N, R7W, Henry Co.) (entire length in Henry Co.);

HOWARD COUNTY

Beaver Creek, mouth (S19, T100N, R12W, Howard Co.) to south line of S29, T100N, R13W;

Bohemian Creek, east county line to west line of S2, T97N, R11W;

Chialk Creek, mouth (S1, T98N, R11W, Howard Co.) to north line S36, T99N, R11W, Howard Co.;

Nichols Creek (a.k.a. Bigalks Creek), east county line to west line of S23, T100N, R11W;

Staff Creek, mouth to west line of S27, T100N, R14W;

Turkey River, east county line to confluence with South Branch Turkey River (S2, T98N, R12W, Howard Co.);

Upper Iowa River, all of the river located in Howard County;

Wapsipinicon River, south county line to west county line;

HUMBOLDT COUNTY

Des Moines River, south county line to north line S7, T92N, R30W, Humboldt Co.;

East Fork Des Moines River, mouth (S19, T91N, R28W, Humboldt Co.) to north county line;

IDA COUNTY

Little Sioux River, west county line to north county line;

Maple River, west county line to north county line;

IOWA COUNTY

Iowa River, east county line to north county line;

JACKSON COUNTY

Brush Creek, north line of S23, T85N, R3E to north line of S1, T85N, R3E;

Cedar Creek, mouth (S30, T85N, R3E) to east line of S29, T85N, R3E;

Little Mill Creek, mouth to west line of S29, T86N, R4E;

Maquoketa River, mouth (S7, T85N, R6E, Jackson Co.) to west county line (entire length in county);

Mill Creek, mouth (S18, T86N, R5E, Jackson Co.) to confluence with unnamed creek (S1, T86N, R3E, Jackson Co.);

Mineral Creek, mouth (S32, T85N, R1E, Jackson Co.) to west county line;

Ozark Spring Run, mouth (S32, T86N, R1E) to spring source in center of S32, T86N, R1E;

Pleasant Creek (a.k.a. Springbrook), confluence with unnamed creek (E 1/2, S11, T85N, R4E, Jackson Co.) to west line S15, T85N, R4E, Jackson Co.;

South Fork Big Mill Creek, mouth (S8, T86N, R4E, Jackson Co.) to west line S17, T86N, R4E, Jackson Co.;

Storybook Hollow, mouth (S7, T86N, R4E, Jackson Co.) to south line of S12, T86N, R3E, Jackson Co.;

Tete des Morts Creek (a.k.a. Tete des Morts River), north county line (S3, T87N, R4E, Jackson Co.) to confluence with unnamed creek (NW 1/4, S4, T87N, R3E, Jackson Co.);

Unnamed Creek, mouth (S1, T86N, R3E, Jackson Co.) to west line S1, T86N, R3E, Jackson Co.;

Unnamed tributary to Lytle Creek, mouth (S7, T86N, R2E) to west line of S11, T86N, R1E;

JEFFERSON COUNTY

Crooked Creek, mouth (S1, T73N, R8W, Jefferson Co.) to east county line;

Skunk River, east county line (east line, S13, T72N, R8W, Jefferson Co.) to north county line (north line, S1, T73N, R8W, Jefferson Co.) (entire length in Jefferson Co.);

JOHNSON COUNTY

Cedar River, east county line to north county line;

Clear Creek, Interstate 380 (S34, T80N, R7W, Johnson Co.) to confluence with unnamed creek (S29, T80N, R8W, Johnson Co.);

Iowa River, south county line (south line, S32, T77N, R5W, Johnson Co.) to Coralville Dam (S22, T80N, R6W, Johnson Co.);

North Branch Old Mans Creek, mouth (S31, T79N, R7W, Johnson Co.) to north line S23, T79N, R8W, Johnson Co.;

JONES COUNTY

Buffalo Creek, mouth (S10, T84N, R4W, Jones Co.) to west county line;

Maquoketa River, east county line to north county line (entire length in county);

Mineral Creek, east county line to west line S29, T85N, R1W, Jones Co.;

Wapsipinicon River, south county line to west county line;

KEOKUK COUNTY

North Skunk River, mouth (S5, T74N, R10W, Keokuk Co.) to west county line;

Skunk River, east county line to confluence with North & South Skunk Rivers (S5, T74N, R10W, Keokuk Co.);

South English River, east county line to confluence with unnamed creek (S6, T77N, R13W, Keokuk Co.);

South Skunk River, mouth (S5, T74N, R10W, Keokuk Co.) to confluence with Olive Branch Creek (S30, T75N, R13W, Keokuk Co.);

KOSSUTH COUNTY

Buffalo Creek, mouth (S20, T97N, R28W, Kossuth Co.) to confluence with North Buffalo Creek (S4, T97N, R27W, Kossuth Co.);

East Fork Des Moines River, south county line to west county line;

LEE COUNTY

Des Moines River, mouth (S34, T65N, R5W, Lee Co.) to west county line (entire length in county);

Skunk River, mouth (S8, T68N, R2W, Lee Co.) to north county line (entire length in county);

LINN COUNTY

Bear Creek, mouth (S21, T84N, R8W, Linn Co.) to west county line;

Buffalo Creek, east county line to Highway 13 (S10, T86N, R6W, Linn Co.);

Cedar River, south county line to west county line;

East Otter Creek, confluence with Otter Creek (S7, T84N, R7W, Linn Co.) to confluence with unnamed creek (S 1/2, S28, T85N, R7W, Linn Co.);

Wapsipinicon River, east county line to north county line;

LOUISA COUNTY

Cedar River, mouth (S20, T75N, R4W, Louisa Co.) to north county line;

Iowa River, mouth to north county line (NW 1/4, S6, T76N, R5W, Louisa Co.) (entire length in county);

Long Creek, mouth (S1, T74N, R4W, Louisa Co.) to west county line;

LUCAS COUNTY

Chariton River, Rathbun Lake (S34, T71N, R20W, Lucas Co.) to Highway 14 (S31, T72N, R21W, Lucas Co.);

White Breast Creek, north county line to confluence with unnamed creek (W 1/2, NW 1/4, S6, T71N, R23W, Lucas Co.);

Wolf Creek, mouth (S15, T71N, R21W, Lucas Co.) to confluence with unnamed creek (NE 1/4, S36, T71N, R22W, Lucas Co.);

LYON COUNTY

Big Sioux River, south county line to north county line;

Little Rock River, mouth (S35, T98N, R46W, Lyon Co.) to confluence with unnamed creek (S10, T98N, R44W, Lyon Co.);

Otter Creek, mouth (S21, T98N, R44W, Lyon Co.) to south county line;

Rock River, south county line to north county line;

MADISON COUNTY

Middle River, east county line to west county line;

Thompson River, south county line to confluence with unnamed creek (NW 1/4, S7, T74N, R29W, Madison Co.);

MAHASKA COUNTY

Des Moines River, south county line to west county line (entire length in county);

North Skunk River, east county line to north county line;

MARION COUNTY

Des Moines River, east county line to west county line (entire length in county);

White Breast Creek, mouth to west county line;

MARSHALL COUNTY

Iowa River, east county line to Marshalltown Center St. Dam (S26, T84N, R18W, Marshall Co.);

Iowa River, confluence with Dowd Creek (S2, T85N, R19W, Marshall Co.) to north county line;

Minerva Creek, mouth (S2, T84N, R19W, Marshall Co.) to confluence with major unnamed creek (NW 1/4, S9, T85N, R20W, Marshall Co.);

Wolf Creek, north county line to north county line (S2, T85N, R17W, Marshall Co.) (entire length in county);

MITCHELL COUNTY

Beaver Creek, mouth to north line of S19, T99N, R15W;

Burr Oak Creek, mouth (S12, T98N, R16W, Mitchell Co.) to north line of S5, T98N, R16W, Mitchell Co.;

Cedar River, south county line to north county line;

Deer Creek, mouth (S23, T99N, R18W, Mitchell Co.) to west county line;

Little Cedar River, south county line to north county line;
Rock Creek, south county line (S14, T97N, R17W, Mitchell Co.) to north line of S26, T98N, R18W, Mitchell Co. (entire length in county between south line of S14, T97N, R17W and north line of S26, T98N, R18W);

Spring Creek, mouth to north line of S8, T97N, R16W;

Turtle Creek, mouth to east line of S7, T99N, R17W;

Wapsipinicon River, east county line to north line of S20, T100N, R15W;

MONONA COUNTY

Maple River, south line (S34, T85N, R43W, Monona Co.) to north county line;

MONROE COUNTY

Des Moines River, east county line to north county line (entire length in county);

MUSCATINE COUNTY

Cedar River, south county line to north county line;

Pine Creek, mouth (S21, T77N, R1E, Muscatine Co.) to confluence with unnamed creek (S26, T78N, R1W, Muscatine Co.);

Sugar Creek, mouth (S17, T78N, R2W, Muscatine Co.) to north county line;

O'BRIEN COUNTY

Little Sioux River, south county line to east county line;

Mill Creek, south county line to confluence with unnamed creek (NE 1/4, S9, T95N, R41W, O'Brien Co.);

PLYMOUTH COUNTY

Big Sioux River, south county line to north county line;

POLK COUNTY

Big Creek, upper extent of Big Creek Lake (S9, T81N, R25W, Polk Co.) to north county line;

Des Moines River, east county line to west county line (entire length in county);

Raccoon River, mouth (S10, T78N, R24W, Polk Co.) to west county line;

RINGGOLD COUNTY

Thompson River, east county line to north county line;

SAC COUNTY

Boyer River, south county line to confluence with unnamed creek (S6, T89N, R37W, Sac Co.);

Indian Creek, mouth (S24, T87N, R36W, Sac Co.) to north line (S20, T87N, R36W, Sac Co.);

North Raccoon River, east county line to north county line;

SCOTT COUNTY

Lost Creek, mouth (S15, T80N, R5E, Scott Co.) to confluence with unnamed creek (NW 1/4, S7, T79N, R5E, Scott Co.);

Wapsipinicon River, mouth (S13, T80N, R5E, Scott Co.) to north county line (NE 1/4, S1, T80N, R1E, Scott Co.) (entire length in county);

SIOUX COUNTY

Big Sioux River, south county line to north county line;

Rock River, mouth (S1, T95N, R48W, Sioux Co.) to north county line;

STORY COUNTY

South Skunk River, confluence with Squaw Creek (S12, T83N, R24W, Story Co.) to north county line;

TAMA COUNTY

Iowa River, east county line to west county line;

Raven Creek, mouth (S25, T83N, R16W, Tama Co.) to confluence with unnamed creek (S6, T82N, R16W, Tama Co.);

Salt Creek, east county line to confluence with South Branch Salt Creek (S29, T84N, R13W, Tama Co.);

UNION COUNTY

Thompson River, south county line to north county line;

Twelve Mile Creek, mouth (S36, T71N, R28W, Union Co.) to Twelve Mile Lake Dam (S12, T72N, R30W, Union Co.);

VAN BUREN COUNTY

Cedar Creek, east county line (SE 1/4, S12, T70N, R8W) to east county line (NE 1/4, S12, T70N, R8W);

Des Moines River, south county line to west county line (entire length in county);

WAPELLO COUNTY

Des Moines River, south county line to west county line (entire length in county);

South Avery Creek, mouth (S31, T73N, R14W, Wapello Co.) to west county line;

WARREN COUNTY

Des Moines River, east county line to north county line (entire length in county);

Middle River, confluence with Clanton Creek (S28, T76N, R25W, Warren Co.) to west county line;

White Breast Creek, east county line to south county line;

WASHINGTON COUNTY

Crooked Creek, south county line to confluence with East and West Fork Crooked Creeks (S24, T74N, R7W, Washington Co.);

English River, mouth (S11, T77N, R6W, Washington Co.) to confluence with South English River (S6, T77N, R9W, Washington Co.);

Iowa River, east county line (east line, S36, T77N, R6W, Washington Co.) to north county line (north line, S2, T77N, R6W, Washington Co.) (entire length in Washington Co.);

Long Creek, east county line to confluence with South Fork Long Creek (S26, T75N, R6W, Washington Co.);

Skunk River, south county line (SE 1/4, S36, T74N, R8W, Washington Co.) to west county line (SW 1/4, S6, T74N, R9W, Washington Co.) (entire length in county);

South English River, mouth (S6, T77N, R9W, Washington Co.) to west county line;

WEBSTER COUNTY

Boone River, mouth (S36, T87N, R27W, Webster Co.) to east county line;

Brushy Creek, west line (S16, T88N, R27W, Webster Co.) to confluence with unnamed creek (S8, T88N, R27W, Webster Co.);

Brushy Creek, mouth (S15, T87N, R27W, Webster Co.) to south line S34, T88N, R27W, Webster Co.;

Deer Creek, mouth (S24, T90N, R29W, Webster Co.) to north line S16, T90N, R29W, Webster Co.;

Des Moines River, south county line to north county line (entire length in county);

Lizard Creek, mouth (S19, T89N, R28W, Webster Co.) to confluence with D.D. #3 (S35, T90N, R30W, Webster Co.);

South Branch Lizard Creek, mouth (S23, T89N, R29W, Webster Co.) to west line S32, T89N, R29W, Webster Co.;

WINNEBAGO COUNTY

Winnebago River, south county line to north county line;

WINNESHIEK COUNTY

Bear Creek (a.k.a. South Bear Creek), east county line to source (a.k.a. Mestad Springs, S29, T100N, R7W);

Bohemian Creek, mouth to west county line;

Canoe Creek, mouth (S25, T99N, R7W, Winneshiek Co.) to west line of S8, T99N, R8W, Winneshiek Co.;

Coon Creek, mouth to road crossing in NW 1/4, S13, T98N, R7W;

Dry Run, mouth to west line of S36, T98N, R9W;

East Pine Creek, mouth (S28, T100N, R9W) to north county line (S10, T100N, R9W);

Martha Creek, mouth to west line of S13, T99N, R10W;

Middle Bear Creek, mouth to north line of S16, T100N, R7W;

Nichols Creek (a.k.a. Bigalk Creek), mouth to west county line;

North Bear Creek, mouth to north county line;

North Canoe Creek, mouth to north line of S2, T99N, R8W;
Paint Creek (a.k.a. Pine Creek), east county line to confluence with unnamed creek (SE 1/4, S11, T99N, R7W, Winneshiek Co.);
Pine Creek, mouth (S10, T99N, R9W) to north county line;
Pine Creek, mouth (S26, T99N, R7W) to north line of S21, T99N, R7W;
Silver Creek, mouth to north line of S26, T100N, R9W;
Smith Creek (a.k.a. Trout River), mouth (S21, T98N, R7W) to south line of S33, T98N, R7W;
Ten Mile Creek, mouth to confluence with Walnut Creek (S18, T98N, R9W);
Trout Creek, mouth (S9, T98N, R7W) to confluence with Smith Creek (S21, T98N, R7W);
Trout Creek, mouth (S23, T98N, R8W) to confluence with unnamed tributary (a.k.a. Trout Run) in S27, T98N, R8W;
Turkey River, south county line to west county line;
Twin Springs Creek, mouth (S17, T98N, R8W) through one half mile reach;
Unnamed Creek, mouth (SE 1/4, S11, T99N, R7W, Winneshiek Co.) to north line S12, T99N, R7W, Winneshiek Co.;
Unnamed tributary to Trout Creek (a.k.a. Trout Run), mouth (S27, T98N, R8W, Winneshiek Co.) to south line of S27, T98N, R8W;
Unnamed tributary to Upper Iowa River (a.k.a. Casey Springs Creek), mouth (S25, T99N, R9W) to west line of S26, T99N, R9W;
Unnamed tributary to Upper Iowa River (a.k.a. Coldwater Creek), mouth (S32, T100N, R9W) to north county line;
Upper Iowa River, east county line to west county line;
Yellow River, east county line to confluence with North Fork Yellow River (S13, T96N, R7W);

WOODBURY COUNTY

Little Sioux River, confluence with Parnell Creek (S25, T86N, R44W, Woodbury Co.) to east county line;
Maple River, south county line to east county line;

WORTH COUNTY

Deer Creek, east county line to confluence with unnamed creek (east line, S28, T100N, R19W, Worth Co.);
Elk Creek, mouth (S27, T99N, R20W, Worth Co.) to Highway 105 (S5, T99N, R22W, Worth Co.);
Shell Rock River, south county line to north county line;
Winans Creek, mouth (S36, T98N, R22W, Worth Co.) to N/S road crossing (S 1/2, S25, T98N, R22W, Worth Co.);
Winnebago River, south county line (S32, T98N, R21W, Worth Co.) to south county line (S34, T98N, R22W, Worth Co.) (entire length in county);

WRIGHT COUNTY

Boone River, south county line to confluence with Middle Branch Boone River (S2, T93N, R26W, Wright Co.);
Eagle Creek, south county line to confluence with Drainage Ditch No. 9 (S30, T91N, R25W, Wright Co.);
East Fork Iowa River, mouth (S19, T93N, R23W, Wright Co.) to north county line;
Iowa River, east county line (S13, T90N, R23W, Wright Co.) to confluence with East and West Fork Iowa Rivers (S19, T93N, R23W, Wright Co.) (entire length in county);
West Fork Iowa River, mouth (S19, T93N, R23W, Wright Co.) to north county line;
White Fox Creek, south county line to confluence with unnamed creek (E 1/2, SE 1/4, S36, T91N, R25W, Wright Co.).